BRUHATH BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

DASARAHALLI SUB-DIVISION

DASARAHALLI, WARD NO.15

Name of Work:	Construction of RCC drain & Improvements to roads at Grape Garden main road, Dasarahalli Ward No.15.
Estimate cost:	50.00 LAKHS

15

BRUHATH BANGALORE MAHANAGARA PALIKE

Ward 15, T.Dasarahalli

NAME OF WORK : **Construction of RCC drain & Improvements to roads at Grape Garden main road, Dasarahalli Ward No.15.**

Estimated Cost **50.00** **Lakhs**

Sl.No.	Description of work	Measurments No.s	L	B	D	Qty	Unit	Rate	Amount
1	Earthwork excavation by manual means in Hard Soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications with all leads and lifts including Conveying the excavated earth silt, debris and over burden earth etc., to lead of 0 to 9 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of Engineer-in-charge of the work..(PWD SR 2016-17, Page No.142, Item No. 19.2)								
	Grape Garden main road	1	2	250.50	1.20	1.00	601.20		
					Total qty.		**601.20**	**cum**	**208.82**	**125543.00**
2	KSRB 4 -1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification No.KBS 4.1, 4.2 (PWD SR 2016-17, Page No.12, Item No. 4.3)								
	for drain	1	2	250.50	1.20	0.15	90.18		
					Total qty.		**90.18**	**sqm**	**5159.02**	**465240.00**
3	KSRRB M2200-5.9. Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008- i) Upto 5 m height. (Pg.No.223, It.no.28.7.9)								
	bottom of drn	1	2	250.50	0.90	0.15	67.63		
	side walls	1	4	250.50	0.15	0.90	135.27		
					Total qty.		**202.90**	**sqm**	**6965.26**	**1413251.00**
4	KSRRB M2200-6. Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 [P. no.17 - I. no.28.8.2]								
	for drains	60kg/cum					12174.00		
							12174.00	kgs		
					Total qty.		**12.17**	**ton**	**66482.14**	**809088.00**
5	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc,. And removal of form work for **vertical surface** such as walls at any thickness, includig attached pilasters, butresses, plinth cills and string courses cost of all materials, labour complete as per specifications. (Pg. No.15, It. No.4.31)								
	for drain	1	8	250.50		0.90	1803.60		
					Total qty.		**1803.60**	**sqm**	**310.58**	**560162.00**

6	Supplying and fixing precast reinforced concrete slab 10 cm thick of mix M20 using 20mm and downsize graded granite metal using reinforcement 10mm dia steel at 150mmc/c bothways cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveyance charges, labour charges inclusive of cost of all materials - Data rate approved by Chief Engineer, Dasarahalli zone								
		1	2	250.50	0.90		450.90		
						Total qty.	**450.90**	**sqm**	**1698.00**	**765628.00**
7	Providing and fixing Pre cast solid cement concrete kerb stones made out of No272.21 C.C 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete (PWD SR 2016-17, Page No.25, Item No. 5.30)								
		1	2	250.50			501.00		
							501.00		
						Total qty.	**1055.00**	**No.s**	**331.78**	**350028.00**
8	KSRRB : Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. (Page No. 176, Item No. 24.1)								
		1	1055	0.45		0.45	213.64		
						Total qty.	**213.64**	**sqm**	**63.60**	**13587.00**
									Sub Total	**4502527.00**
									KRIDL 11%	**495278.00**
									Miscelleneous and rounding off	**2195.00**
									Total	**5000000.00**

(Rupees Fifty Lakhs Only)

CERTIFICATE

1 *Certified that The work spot has been inspected by me and the work is necessary & site condition*
2 *Certified that the work is not split up*
3 *Certified that the estimate is based on PW,P&IWTD Bangalore Circle SR of 2016-17*
4 *Certified that Adequate & necessary provisions have made in the estimate.*
5 *Certified that the above area comes under BBMP limit*
6 *This Work is not included in any other work taken up*

Asst Engineer
Ward-15

Assistant Executive Engineer
Dasarahalli Sub Division
B.B.M.P

Excecutive Engineer
Dasarahalli Division
B.B.M.P

ನಂ. EE/DD/AS/67/17-18 ದಿನಾಂಕ: 26.12.17

ರೂ. [Rs. 50,00/-lakhs] Rupees fifty lakhs only

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ಮಾಗಡಿರಸ್ತೆ ಉಪವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

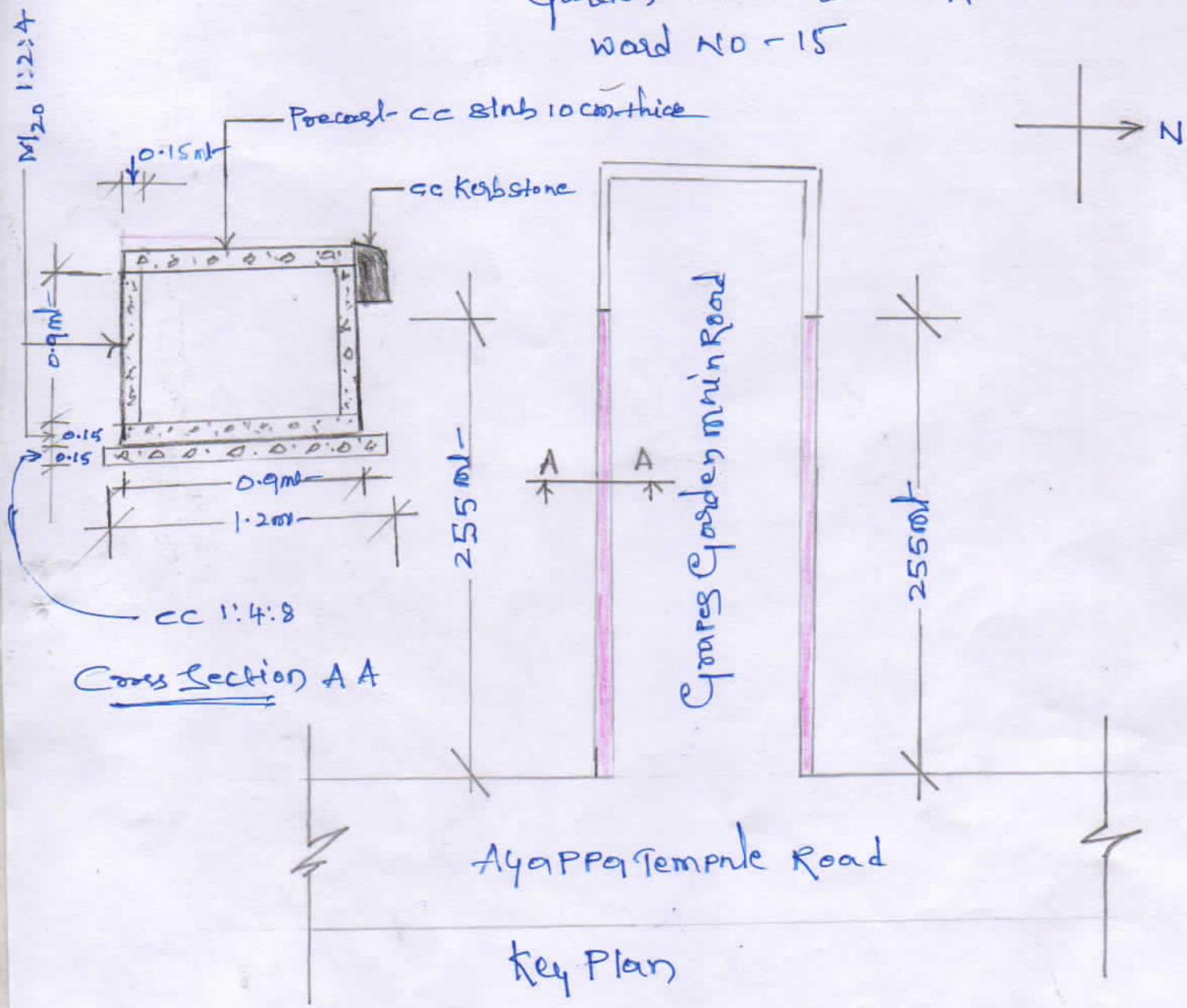
ನಂ. CE/TS/3911/17-18 ದಿನಾಂಕ: 27/12/17

ರೂ. Rs. 50.00 lakhs only/-

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿ

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು

Name of the work :- Construction of RCC drain & Improvements to Road at Grape Garden main road T. Dasarahalli ward NO - 15



Asistent Engineer

Assistant Executive Engineer
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಧಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು